- (2) Expected date of service termination.
- (3) The type of TDRSS services desired [e.g., multiple access, tracking, etc.].
- (4) The frequency and duration of each service, including orbital position or time constraints on service delivery from a given spacecraft where appropriate.
- (5) Orbital or trajectory parameters and tracking data requirements.
- (6) Spacecraft events affecting tracking, telemetry or command requirements.
- (7) Signal parameters and data rates by type of service, type and location of antennas and other related information dealing with user tracking, command, and data systems.
- (8) Special test requirements, compatibility testing, data flows, simulations, etc.
- (9) Identification of type and quantity of user information necessary for control functions, location of user control facility, and identification of communications requirements.
- (10) Identification of ground communications requirements and interface points, including the level of support to be requested from NASCOM.
- (d) To provide for effective planning, general service requirements should be provided at least 3 years before initiation of service. With these data NASA will determine whether the requested services can be provided.
- (e) Detailed requirements for user services must be provided 18 months before the initiation of service. These data will be the basis for the technical definition of the Interface Control Document (ICD). If requirements are received late, necessitating extraordinary NASA activities [e.g., overtime, special printing of documents], such activities will be considered to be mission unique and their cost charged the user.

[48 FR 9845, Mar. 9, 1983, as amended at 56 FR 28049, June 19, 1991]

## § 1215.110 User cancellation of all services.

The user has the right to terminate its service contract with NASA at any time. A user who exercises this right after contracting for service shall pay

the charge agreed upon for services previously rendered, and the cost incurred by the Government for support of pre-launch activities, services, and mission documentation not included in that charge. The user will remain responsible for the charges for any services actually provided.

# § 1215.111 User postponement of service.

The user may postpone the initiation of contracted service (e.g., user launch date) by delivery of written notification to NASA Headquarters, Code OX. Any delay in the contracted start of service date may affect the quantity of service to be provided due to commitments to other support requirements. Therefore, the validity of previous estimates of predicted support availability may no longer be applicable.

[56 FR 28049, June 19, 1991]

# \$1215.112 User/NASA contractual arrangement.

- (a) The NASA Administrator reserves the right to waive any portion of the reimbursement due to NASA under the provisions of the reimbursement policy.
- (b) When NASA has determined that a potential user has not made sufficient progress toward concluding a contractual arrangement for service, after being placed in a mission model, NASA shall have the unilateral right to remove that user from the mission
- (c) NASA shall have the right to determine unilaterally that the potential user has failed to make progress toward concluding a contractual arrangement.

## §1215.113 User charges.

- (a) The user shall reimburse NASA the sum of the charges for standard and mission-unique services. Charges will be based on the service rates applicable for the calendar year.
- (b) For standard services the user shall be charged only for services rendered, except that if a total cancellation of service occurs, the users shall be charged in accordance with the provisions of §1215.110.
- (1) Standard services which are scheduled, and then cancelled by the

#### § 1215.114

user less than 12 hours prior to the start of that scheduled service period, will be charged as if the scheduled service actually occurred.

- (2) The time scheduled by the user project shall include the slew time, set up and/or configuration time, TDRSS contact time, and all other conditions for which TDRSS services were allocated to the user.
- (3) Charges will be accumulated by the minute, based on the computerized schedule/configuration messages which physically set up the TDRSS equipment at the start of a support period and free the equipment for other users at the end of a support period.
- (c) The user shall reimburse NASA for the costs of any mission unique services provided by NASA.
- (d) Any person or entity which pays to NASA the initial administrative charge (see §1215.115) does so with the understanding that it is not refundable whether or not an agreement is entered into with NASA for TDRSS services.

[48 FR 9845, Mar. 9, 1983, as amended at 56 FR 28049, June 19, 1991]

## §1215.114 Service rates.

- (a) Non-U.S. Government user rates will reflect TDRSS total operational and maintenance costs prorated to a per-minute basis.
- (b) Rates for TDRSS services will be set by the Associate Administrator for Space Operations each October for the following year, January through December. Rate variations will reflect changes in operating costs, loading formulas and escalation.
- (c) Projected estimates will include escalation bases on the Bureau of Labor Statistics Index for compensation per hour—total private.
- (d) Appendix A is provided for preliminary planning purposes only. It delineates the rate per minute by service and type of user. These rates are subject to change.
- (e) The per minute charge for TDRSS service is computed by multiplying the charge per minute for the appropriate service by the number of minutes scheduled and the appropriate factor

(for flexible, constrained or disruptive/emergency service).

[48 FR 9845, Mar. 9, 1983, as amended at 49 FR 10659, Mar. 22, 1984; 56 FR 28049, June 19, 1991]

#### § 1215.115 Payment and billing.

- (a) To each user there will be an initial non-refundable administrative charge of \$25,000 which is applicable toward TDRSS operational services.
- (b) The procedure for billing and payment of standard TDRSS services is as follows:
- (1) The calendar year is divided into two service periods, January through June and July through December. The charge for TDRSS service will be determined in October for the succeeding calendar year.
- (2) The estimated cost of service, January through June period, will be due the previous July 1, and will be billed 60 days prior to the payment due date.
- (3) The estimated cost of service, July through December period, will be due the previous January 1, and will be billed 60 days prior to the payment due date
- (4) Adjustments to the amounts prepaid will be made to the succeeding billings as the actual service time is tabulated. Amounts due to the user will be credited to the next service period or refunded to the user if no more service is to be provided.
- (5) The total estimated cost of all standard pre-launch services such as mission planning, documentation, link analysis, testing, computer, human resources, etc., with the exception of TDRSS operational services, will be paid to the Government prior to NASA rendering such services. This advance payment will be applied as a credit to the charges billed for post-launch TDRSS operational services as specified in paragraphs (b) (1) through (4) of this section.
- (c) Payment schedules for mission unique services will be mutually developed between NASA the user on a caseby-case basis, dependent upon level of engineering effort, long-lead items, special communication services or other considerations. Payment will generally be made prior to NASA incurring a cost for mission unique service